



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 08/08/2022 12:00:00 AM |
| End   | 08/15/2022 12:00:00 AM |

Report Generated 08/15/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 08/08/2022 12:00:00 AM | 16.1                                 | 1.3                            | 32.8                                        | 2.7                                   |
| 08/08/2022 01:00:00 AM | 16.8                                 | 1.4                            | 31.6                                        | 2.6                                   |
| 08/08/2022 02:00:00 AM | 14.3                                 | 1.2                            | 28.8                                        | 2.4                                   |
| 08/08/2022 03:00:00 AM | 15.6                                 | 1.3                            | 27.9                                        | 2.3                                   |
| 08/08/2022 04:00:00 AM | 13.0                                 | 1.1                            | 27.1                                        | 2.2                                   |
| 08/08/2022 05:00:00 AM | 17.6                                 | 1.5                            | 28.4                                        | 2.3                                   |
| 08/08/2022 06:00:00 AM | 23.3                                 | 1.9                            | 29.0                                        | 2.4                                   |
| 08/08/2022 07:00:00 AM | 26.8                                 | 2.2                            | 34.5                                        | 2.9                                   |
| 08/08/2022 08:00:00 AM | 25.0                                 | 2.1                            | 41.0                                        | 3.4                                   |
| 08/08/2022 09:00:00 AM | 25.0                                 | 2.1                            | 42.9                                        | 3.5                                   |
| 08/08/2022 10:00:00 AM | 25.7                                 | 2.1                            | 49.5                                        | 4.1                                   |
| 08/08/2022 11:00:00 AM | 26.8                                 | 2.2                            | 52.8                                        | 4.4                                   |
| 08/08/2022 12:00:00 PM | 30.2                                 | 2.5                            | 61.1                                        | 5.1                                   |
| 08/08/2022 01:00:00 PM | 32.8                                 | 2.7                            | 63.4                                        | 5.2                                   |
| 08/08/2022 02:00:00 PM | 38.0                                 | 3.1                            | 67.2                                        | 5.6                                   |
| 08/08/2022 03:00:00 PM | 43.9                                 | 3.6                            | 70.1                                        | 5.8                                   |
| 08/08/2022 04:00:00 PM | 43.1                                 | 3.6                            | 68.6                                        | 5.7                                   |
| 08/08/2022 05:00:00 PM | 45.1                                 | 3.7                            | 65.6                                        | 5.4                                   |
| 08/08/2022 06:00:00 PM | 47.5                                 | 3.9                            | 65.3                                        | 5.4                                   |
| 08/08/2022 07:00:00 PM | 46.3                                 | 3.8                            | 58.2                                        | 4.8                                   |
| 08/08/2022 08:00:00 PM | 39.4                                 | 3.3                            | 52.1                                        | 4.3                                   |
| 08/08/2022 09:00:00 PM | 37.8                                 | 3.1                            | 51.2                                        | 4.2                                   |
| 08/08/2022 10:00:00 PM | 38.7                                 | 3.2                            | 48.9                                        | 4.0                                   |
| 08/08/2022 11:00:00 PM | 37.5                                 | 3.1                            | 46.6                                        | 3.9                                   |
| 08/09/2022 12:00:00 AM | 32.7                                 | 2.7                            | 47.0                                        | 3.9                                   |
| 08/09/2022 01:00:00 AM | 31.9                                 | 2.6                            | 47.4                                        | 3.9                                   |
| 08/09/2022 02:00:00 AM | 33.8                                 | 2.8                            | 47.2                                        | 3.9                                   |
| 08/09/2022 03:00:00 AM | 32.8                                 | 2.7                            | 46.3                                        | 3.8                                   |
| 08/09/2022 04:00:00 AM | 32.2                                 | 2.7                            | 45.9                                        | 3.8                                   |
| 08/09/2022 05:00:00 AM | 35.7                                 | 3.0                            | 47.8                                        | 3.9                                   |
| 08/09/2022 06:00:00 AM | 39.7                                 | 3.3                            | 49.4                                        | 4.1                                   |
| 08/09/2022 07:00:00 AM | 38.3                                 | 3.2                            | 48.7                                        | 4.0                                   |
| 08/09/2022 08:00:00 AM | 38.1                                 | 3.1                            | 52.5                                        | 4.3                                   |
| 08/09/2022 09:00:00 AM | 42.4                                 | 3.5                            | 57.3                                        | 4.7                                   |
| 08/09/2022 10:00:00 AM | 42.4                                 | 3.5                            | 57.1                                        | 4.7                                   |
| 08/09/2022 11:00:00 AM | 39.9                                 | 3.3                            | 61.2                                        | 5.1                                   |
| 08/09/2022 12:00:00 PM | 38.6                                 | 3.2                            | 60.6                                        | 5.0                                   |
| 08/09/2022 01:00:00 PM | 39.5                                 | 3.3                            | 66.7                                        | 5.5                                   |
| 08/09/2022 02:00:00 PM | 41.5                                 | 3.4                            | 66.9                                        | 5.5                                   |
| 08/09/2022 03:00:00 PM | 45.4                                 | 3.8                            | 69.4                                        | 5.7                                   |
| 08/09/2022 04:00:00 PM | 47.8                                 | 3.9                            | 69.5                                        | 5.7                                   |
| 08/09/2022 05:00:00 PM | 47.9                                 | 4.0                            | 67.5                                        | 5.6                                   |
| 08/09/2022 06:00:00 PM | 45.9                                 | 3.8                            | 68.3                                        | 5.6                                   |
| 08/09/2022 07:00:00 PM | 44.6                                 | 3.7                            | 67.8                                        | 5.6                                   |
| 08/09/2022 08:00:00 PM | 39.2                                 | 3.2                            | 62.1                                        | 5.1                                   |
| 08/09/2022 09:00:00 PM | 37.3                                 | 3.1                            | 62.8                                        | 5.2                                   |
| 08/09/2022 10:00:00 PM | 36.8                                 | 3.0                            | 63.2                                        | 5.2                                   |
| 08/09/2022 11:00:00 PM | 39.0                                 | 3.2                            | 58.0                                        | 4.8                                   |
| 08/10/2022 12:00:00 AM | 34.5                                 | 2.9                            | 58.7                                        | 4.8                                   |
| 08/10/2022 01:00:00 AM | 34.9                                 | 2.9                            | 52.5                                        | 4.3                                   |
| 08/10/2022 02:00:00 AM | 33.7                                 | 2.8                            | 49.4                                        | 4.1                                   |
| 08/10/2022 03:00:00 AM | 34.0                                 | 2.8                            | 46.5                                        | 3.8                                   |
| 08/10/2022 04:00:00 AM | 35.6                                 | 2.9                            | 45.3                                        | 3.7                                   |
| 08/10/2022 05:00:00 AM | 36.0                                 | 3.0                            | 47.3                                        | 3.9                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|              |                               |
|--------------|-------------------------------|
| <b>Start</b> | <b>08/08/2022 12:00:00 AM</b> |
| <b>End</b>   | <b>08/15/2022 12:00:00 AM</b> |

Report Generated 08/15/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 08/10/2022 06:00:00 AM | 40.6                                 | 3.4                            | 51.3                                        | 4.2                                   |
| 08/10/2022 07:00:00 AM | 40.6                                 | 3.4                            | 51.6                                        | 4.3                                   |
| 08/10/2022 08:00:00 AM | 39.2                                 | 3.2                            | 54.1                                        | 4.5                                   |
| 08/10/2022 09:00:00 AM | 39.2                                 | 3.2                            | 56.2                                        | 4.6                                   |
| 08/10/2022 10:00:00 AM | 41.2                                 | 3.4                            | 61.0                                        | 5.0                                   |
| 08/10/2022 11:00:00 AM | 42.6                                 | 3.5                            | 65.4                                        | 5.4                                   |
| 08/10/2022 12:00:00 PM | 44.5                                 | 3.7                            | 63.1                                        | 5.2                                   |
| 08/10/2022 01:00:00 PM | 43.9                                 | 3.6                            | 64.8                                        | 5.4                                   |
| 08/10/2022 02:00:00 PM | 39.7                                 | 3.3                            | 60.4                                        | 5.0                                   |
| 08/10/2022 03:00:00 PM | 37.8                                 | 3.1                            | 59.0                                        | 4.9                                   |
| 08/10/2022 04:00:00 PM | 35.3                                 | 2.9                            | 57.4                                        | 4.7                                   |
| 08/10/2022 05:00:00 PM | 39.5                                 | 3.3                            | 58.8                                        | 4.9                                   |
| 08/10/2022 06:00:00 PM | 39.0                                 | 3.2                            | 59.8                                        | 4.9                                   |
| 08/10/2022 07:00:00 PM | 37.8                                 | 3.1                            | 56.0                                        | 4.6                                   |
| 08/10/2022 08:00:00 PM | 31.5                                 | 2.6                            | 52.2                                        | 4.3                                   |
| 08/10/2022 09:00:00 PM | 29.0                                 | 2.4                            | 50.5                                        | 4.2                                   |
| 08/10/2022 10:00:00 PM | 30.1                                 | 2.5                            | 48.3                                        | 4.0                                   |
| 08/10/2022 11:00:00 PM | 34.3                                 | 2.8                            | 45.7                                        | 3.8                                   |
| 08/11/2022 12:00:00 AM | 32.6                                 | 2.7                            | 46.2                                        | 3.8                                   |
| 08/11/2022 01:00:00 AM | 26.7                                 | 2.2                            | 45.7                                        | 3.8                                   |
| 08/11/2022 02:00:00 AM | 26.4                                 | 2.2                            | 42.5                                        | 3.5                                   |
| 08/11/2022 03:00:00 AM | 27.8                                 | 2.3                            | 41.8                                        | 3.5                                   |
| 08/11/2022 04:00:00 AM | 27.4                                 | 2.3                            | 41.0                                        | 3.4                                   |
| 08/11/2022 05:00:00 AM | 31.6                                 | 2.6                            | 41.4                                        | 3.4                                   |
| 08/11/2022 06:00:00 AM | 35.6                                 | 2.9                            | 43.7                                        | 3.6                                   |
| 08/11/2022 07:00:00 AM | 41.2                                 | 3.4                            | 49.5                                        | 4.1                                   |
| 08/11/2022 08:00:00 AM | 42.4                                 | 3.5                            | 54.5                                        | 4.5                                   |
| 08/11/2022 09:00:00 AM | 42.4                                 | 3.5                            | 57.4                                        | 4.7                                   |
| 08/11/2022 10:00:00 AM | 41.9                                 | 3.5                            | 59.3                                        | 4.9                                   |
| 08/11/2022 11:00:00 AM | 41.5                                 | 3.4                            | 66.5                                        | 5.5                                   |
| 08/11/2022 12:00:00 PM | 43.1                                 | 3.6                            | 70.5                                        | 5.8                                   |
| 08/11/2022 01:00:00 PM | 40.0                                 | 3.3                            | 71.4                                        | 5.9                                   |
| 08/11/2022 02:00:00 PM | 39.1                                 | 3.2                            | 72.2                                        | 6.0                                   |
| 08/11/2022 03:00:00 PM | 38.3                                 | 3.2                            | 68.8                                        | 5.7                                   |
| 08/11/2022 04:00:00 PM | 38.8                                 | 3.2                            | 67.1                                        | 5.5                                   |
| 08/11/2022 05:00:00 PM | 39.4                                 | 3.3                            | 68.2                                        | 5.6                                   |
| 08/11/2022 06:00:00 PM | 40.7                                 | 3.4                            | 59.6                                        | 4.9                                   |
| 08/11/2022 07:00:00 PM | 40.2                                 | 3.3                            | 52.4                                        | 4.3                                   |
| 08/11/2022 08:00:00 PM | 36.8                                 | 3.0                            | 50.3                                        | 4.2                                   |
| 08/11/2022 09:00:00 PM | 33.5                                 | 2.8                            | 43.6                                        | 3.6                                   |
| 08/11/2022 10:00:00 PM | 34.6                                 | 2.9                            | 42.9                                        | 3.5                                   |
| 08/11/2022 11:00:00 PM | 36.7                                 | 3.0                            | 42.8                                        | 3.5                                   |
| 08/12/2022 12:00:00 AM | 27.9                                 | 2.3                            | 40.2                                        | 3.3                                   |
| 08/12/2022 01:00:00 AM | 21.5                                 | 1.8                            | 39.2                                        | 3.2                                   |
| 08/12/2022 02:00:00 AM | 23.7                                 | 2.0                            | 39.8                                        | 3.3                                   |
| 08/12/2022 03:00:00 AM | 26.1                                 | 2.2                            | 38.9                                        | 3.2                                   |
| 08/12/2022 04:00:00 AM | 24.2                                 | 2.0                            | 35.9                                        | 3.0                                   |
| 08/12/2022 05:00:00 AM | 28.0                                 | 2.3                            | 35.2                                        | 2.9                                   |
| 08/12/2022 06:00:00 AM | 33.1                                 | 2.7                            | 37.1                                        | 3.1                                   |
| 08/12/2022 07:00:00 AM | 38.4                                 | 3.2                            | 42.8                                        | 3.5                                   |
| 08/12/2022 08:00:00 AM | 36.2                                 | 3.0                            | 45.3                                        | 3.7                                   |
| 08/12/2022 09:00:00 AM | 37.2                                 | 3.1                            | 46.2                                        | 3.8                                   |
| 08/12/2022 10:00:00 AM | 39.4                                 | 3.3                            | 56.7                                        | 4.7                                   |
| 08/12/2022 11:00:00 AM | 41.0                                 | 3.4                            | 65.6                                        | 5.4                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 08/08/2022 12:00:00 AM |
| End   | 08/15/2022 12:00:00 AM |

Report Generated 08/15/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 08/12/2022 12:00:00 PM | 40.6                                 | 3.4                            | 71.5                                        | 5.9                                   |
| 08/12/2022 01:00:00 PM | 38.9                                 | 3.2                            | 72.1                                        | 6.0                                   |
| 08/12/2022 02:00:00 PM | 43.7                                 | 3.6                            | 73.3                                        | 6.1                                   |
| 08/12/2022 03:00:00 PM | 48.7                                 | 4.0                            | 71.6                                        | 5.9                                   |
| 08/12/2022 04:00:00 PM | 51.6                                 | 4.3                            | 74.5                                        | 6.2                                   |
| 08/12/2022 05:00:00 PM | 49.3                                 | 4.1                            | 67.9                                        | 5.6                                   |
| 08/12/2022 06:00:00 PM | 47.3                                 | 3.9                            | 66.6                                        | 5.5                                   |
| 08/12/2022 07:00:00 PM | 43.2                                 | 3.6                            | 59.3                                        | 4.9                                   |
| 08/12/2022 08:00:00 PM | 41.3                                 | 3.4                            | 53.9                                        | 4.5                                   |
| 08/12/2022 09:00:00 PM | 38.5                                 | 3.2                            | 50.8                                        | 4.2                                   |
| 08/12/2022 10:00:00 PM | 38.4                                 | 3.2                            | 49.2                                        | 4.1                                   |
| 08/12/2022 11:00:00 PM | 41.8                                 | 3.5                            | 48.7                                        | 4.0                                   |
| 08/13/2022 12:00:00 AM | 39.7                                 | 3.3                            | 48.4                                        | 4.0                                   |
| 08/13/2022 01:00:00 AM | 36.5                                 | 3.0                            | 47.7                                        | 3.9                                   |
| 08/13/2022 02:00:00 AM | 37.4                                 | 3.1                            | 47.2                                        | 3.9                                   |
| 08/13/2022 03:00:00 AM | 32.7                                 | 2.7                            | 42.9                                        | 3.5                                   |
| 08/13/2022 04:00:00 AM | 32.2                                 | 2.7                            | 43.6                                        | 3.6                                   |
| 08/13/2022 05:00:00 AM | 36.8                                 | 3.0                            | 42.0                                        | 3.5                                   |
| 08/13/2022 06:00:00 AM | 40.4                                 | 3.3                            | 44.8                                        | 3.7                                   |
| 08/13/2022 07:00:00 AM | 40.7                                 | 3.4                            | 45.0                                        | 3.7                                   |
| 08/13/2022 08:00:00 AM | 37.9                                 | 3.1                            | 43.9                                        | 3.6                                   |
| 08/13/2022 09:00:00 AM | 36.4                                 | 3.0                            | 42.0                                        | 3.5                                   |
| 08/13/2022 10:00:00 AM | 35.9                                 | 3.0                            | 41.3                                        | 3.4                                   |
| 08/13/2022 11:00:00 AM | 37.9                                 | 3.1                            | 44.5                                        | 3.7                                   |
| 08/13/2022 12:00:00 PM | 30.2                                 | 2.5                            | 46.1                                        | 3.8                                   |
| 08/13/2022 01:00:00 PM | 30.0                                 | 2.5                            | 58.2                                        | 4.8                                   |
| 08/13/2022 02:00:00 PM | 32.8                                 | 2.7                            | 56.8                                        | 4.7                                   |
| 08/13/2022 03:00:00 PM | 28.9                                 | 2.4                            | 56.2                                        | 4.6                                   |
| 08/13/2022 04:00:00 PM | 30.4                                 | 2.5                            | 56.0                                        | 4.6                                   |
| 08/13/2022 05:00:00 PM | 33.9                                 | 2.8                            | 57.0                                        | 4.7                                   |
| 08/13/2022 06:00:00 PM | 34.2                                 | 2.8                            | 55.8                                        | 4.6                                   |
| 08/13/2022 07:00:00 PM | 33.7                                 | 2.8                            | 51.2                                        | 4.2                                   |
| 08/13/2022 08:00:00 PM | 29.5                                 | 2.4                            | 46.9                                        | 3.9                                   |
| 08/13/2022 09:00:00 PM | 27.8                                 | 2.3                            | 39.4                                        | 3.3                                   |
| 08/13/2022 10:00:00 PM | 26.6                                 | 2.2                            | 36.6                                        | 3.0                                   |
| 08/13/2022 11:00:00 PM | 25.7                                 | 2.1                            | 34.8                                        | 2.9                                   |
| 08/14/2022 12:00:00 AM | 24.2                                 | 2.0                            | 35.3                                        | 2.9                                   |
| 08/14/2022 01:00:00 AM | 26.5                                 | 2.2                            | 34.0                                        | 2.8                                   |
| 08/14/2022 02:00:00 AM | 23.8                                 | 2.0                            | 34.1                                        | 2.8                                   |
| 08/14/2022 03:00:00 AM | 21.8                                 | 1.8                            | 33.8                                        | 2.8                                   |
| 08/14/2022 04:00:00 AM | 24.0                                 | 2.0                            | 33.7                                        | 2.8                                   |
| 08/14/2022 05:00:00 AM | 20.7                                 | 1.7                            | 33.0                                        | 2.7                                   |
| 08/14/2022 06:00:00 AM | 25.4                                 | 2.1                            | 32.4                                        | 2.7                                   |
| 08/14/2022 07:00:00 AM | 23.1                                 | 1.9                            | 33.2                                        | 2.7                                   |
| 08/14/2022 08:00:00 AM | 15.9                                 | 1.3                            | 43.0                                        | 3.6                                   |
| 08/14/2022 09:00:00 AM | 4.4                                  | 0.4                            | 41.4                                        | 3.4                                   |
| 08/14/2022 10:00:00 AM | 20.4                                 | 1.7                            | 45.6                                        | 3.8                                   |
| 08/14/2022 11:00:00 AM | 20.1                                 | 1.7                            | 50.1                                        | 4.1                                   |
| 08/14/2022 12:00:00 PM | 18.5                                 | 1.5                            | 50.0                                        | 4.1                                   |
| 08/14/2022 01:00:00 PM | 18.4                                 | 1.5                            | 50.6                                        | 4.2                                   |
| 08/14/2022 02:00:00 PM | 19.0                                 | 1.6                            | 50.7                                        | 4.2                                   |
| 08/14/2022 03:00:00 PM | 24.1                                 | 2.0                            | 52.9                                        | 4.4                                   |
| 08/14/2022 04:00:00 PM | 21.2                                 | 1.7                            | 49.6                                        | 4.1                                   |
| 08/14/2022 05:00:00 PM | 19.9                                 | 1.6                            | 48.8                                        | 4.0                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 08/08/2022 12:00:00 AM |
| End   | 08/15/2022 12:00:00 AM |

Report Generated 08/15/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                     | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 08/14/2022 06:00:00 PM   | 17.4                                 | 1.4                            | 46.2                                        | 3.8                                   |
| 08/14/2022 07:00:00 PM   | 18.1                                 | 1.5                            | 42.7                                        | 3.5                                   |
| 08/14/2022 08:00:00 PM   | 16.6                                 | 1.4                            | 35.7                                        | 3.0                                   |
| 08/14/2022 09:00:00 PM   | 17.5                                 | 1.4                            | 33.2                                        | 2.7                                   |
| 08/14/2022 10:00:00 PM   | 16.1                                 | 1.3                            | 28.5                                        | 2.4                                   |
| 08/14/2022 11:00:00 PM   | 16.9                                 | 1.4                            | 31.8                                        | 2.6                                   |
| Average Flow:            | 33.48                                | 464.88                         | 50.78                                       | 705.06                                |
| Dataset Device Utilized: | SONTEK SL                            | SONTEK SL                      | SOMMERS RQ-30                               | SOMMERS RQ-30                         |

\*Amount diverted is calculated using the average hourly flow rate in CFS.